

RIKEN Clone ID : IRAL037L21

Lot#: 7566_A7Ab

Vector : pDNR-LIB

Gene	C14orf120	
Accession No.	BC030817.1	1136 bp
	<i>CDS</i>	948 bp

● Plasmid DNA purification

Date : 170111

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 170112

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170112

DNA concentration (O.D.): 97 ng/ul

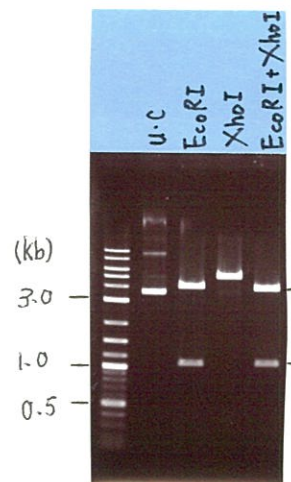
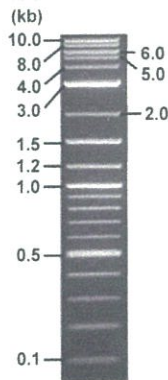
< Size of fragment expected from this clone >

DNA	1	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7	ul
Total		10 ul

EcoRI	4.0, 1.1 kb
XhoI	5.1 kb
EcoRI + XhoI	3.9kb (Vector) 1.1, 0.11 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170118

● Confirmation of the insertion sequence

Date : 170118

DNA (97 ng/ul)	82.0 ul
10x TE	31.8 ul
dH ₂ O	204.4 ul
Total	318.2 ul

Primer A	T7 long
Primer B	M13 Reverse
Primer C	poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

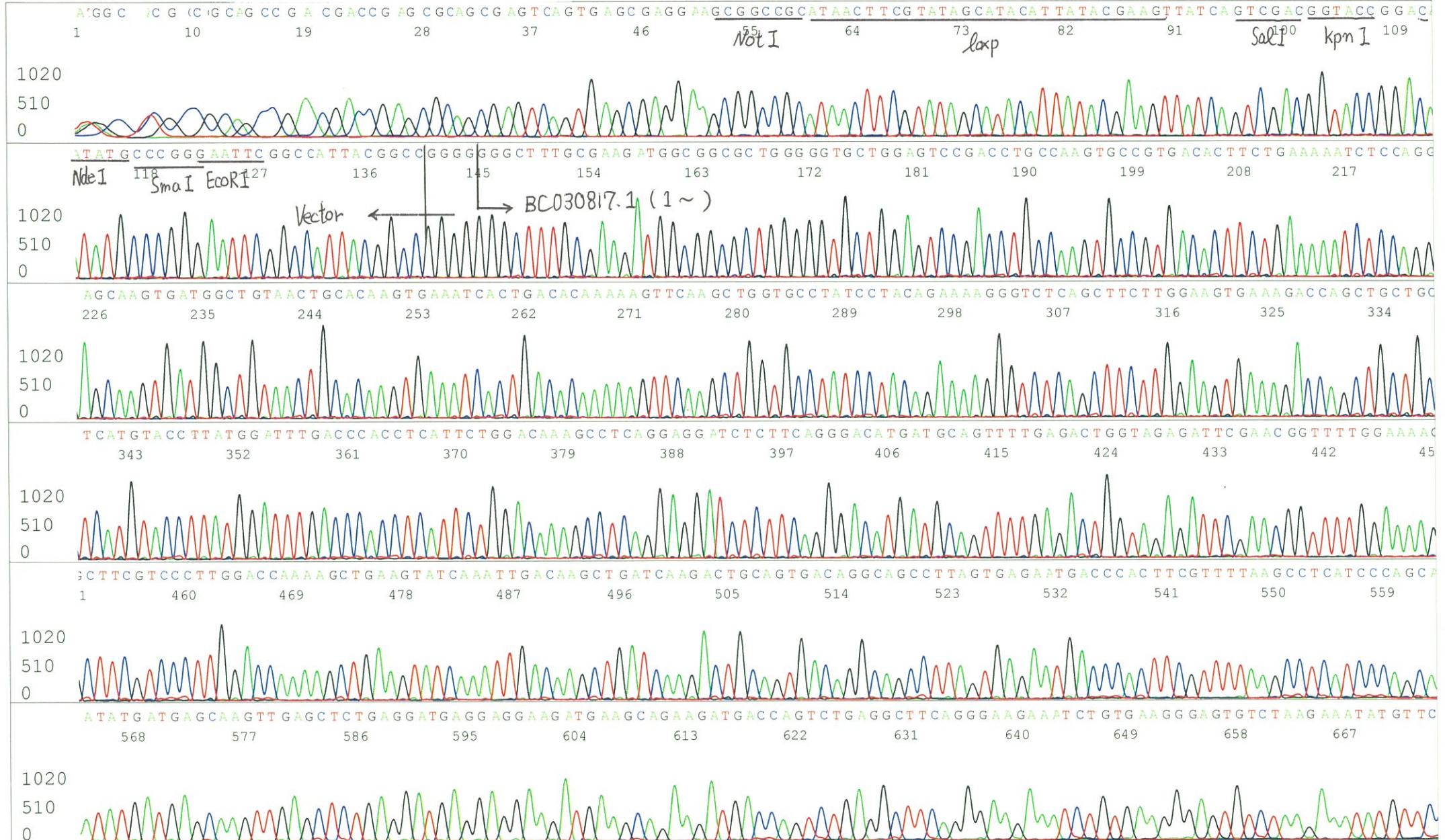
APPROVED BY :

<http://dna.brc.riken.jp/index.html>

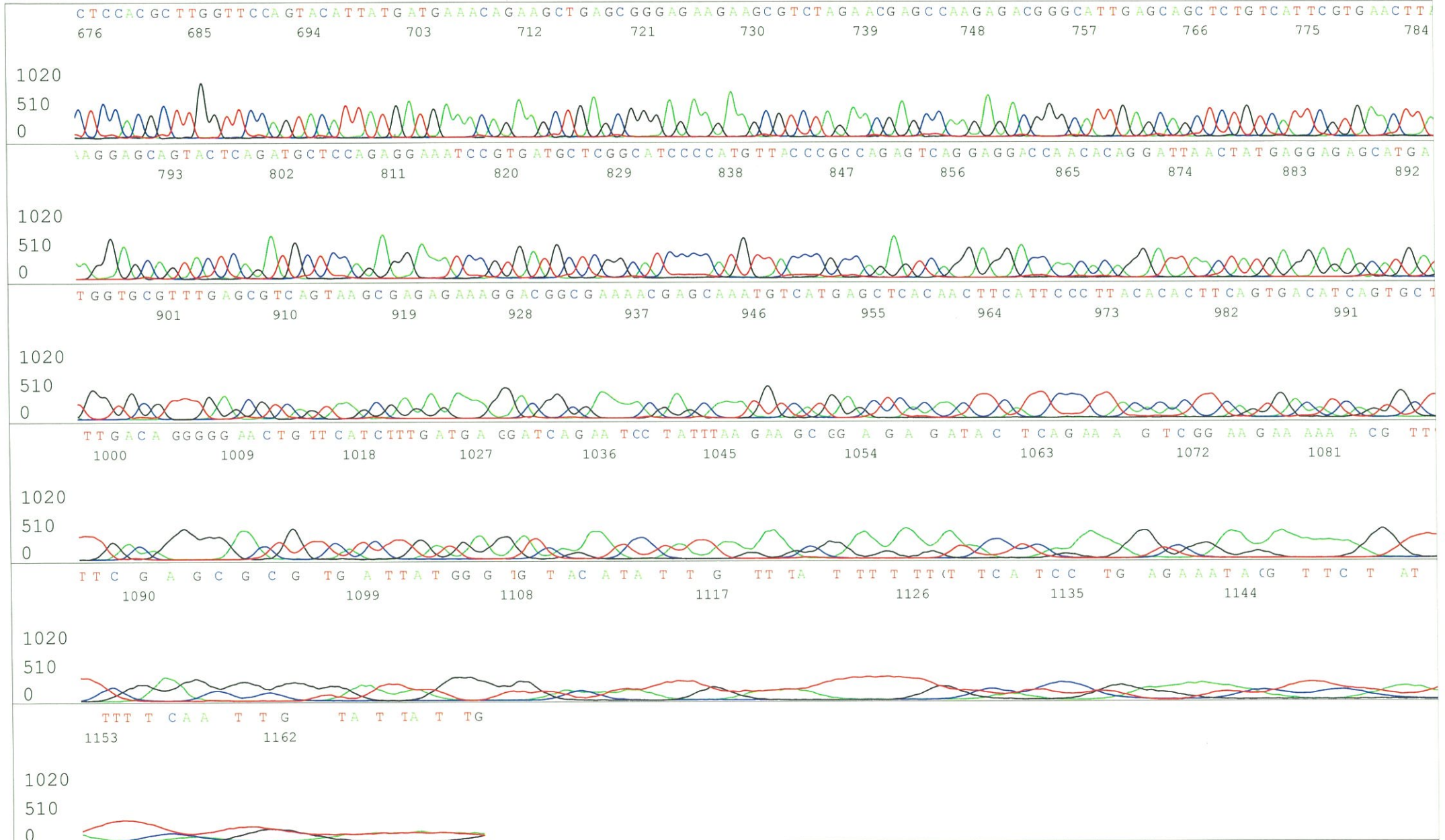


S/N G:327 A:453 T:340 C:42
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:327 A:453 T:340 C:427
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:15 A:19 T:20 C:21

Primer B : M13 Reverse

IRAL037L21_A7Ab_M13reverse

Jan 18,2017 10:02AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Jan 18,2017 10:27AM, JST

KB 1.4.1.8 Cap:5

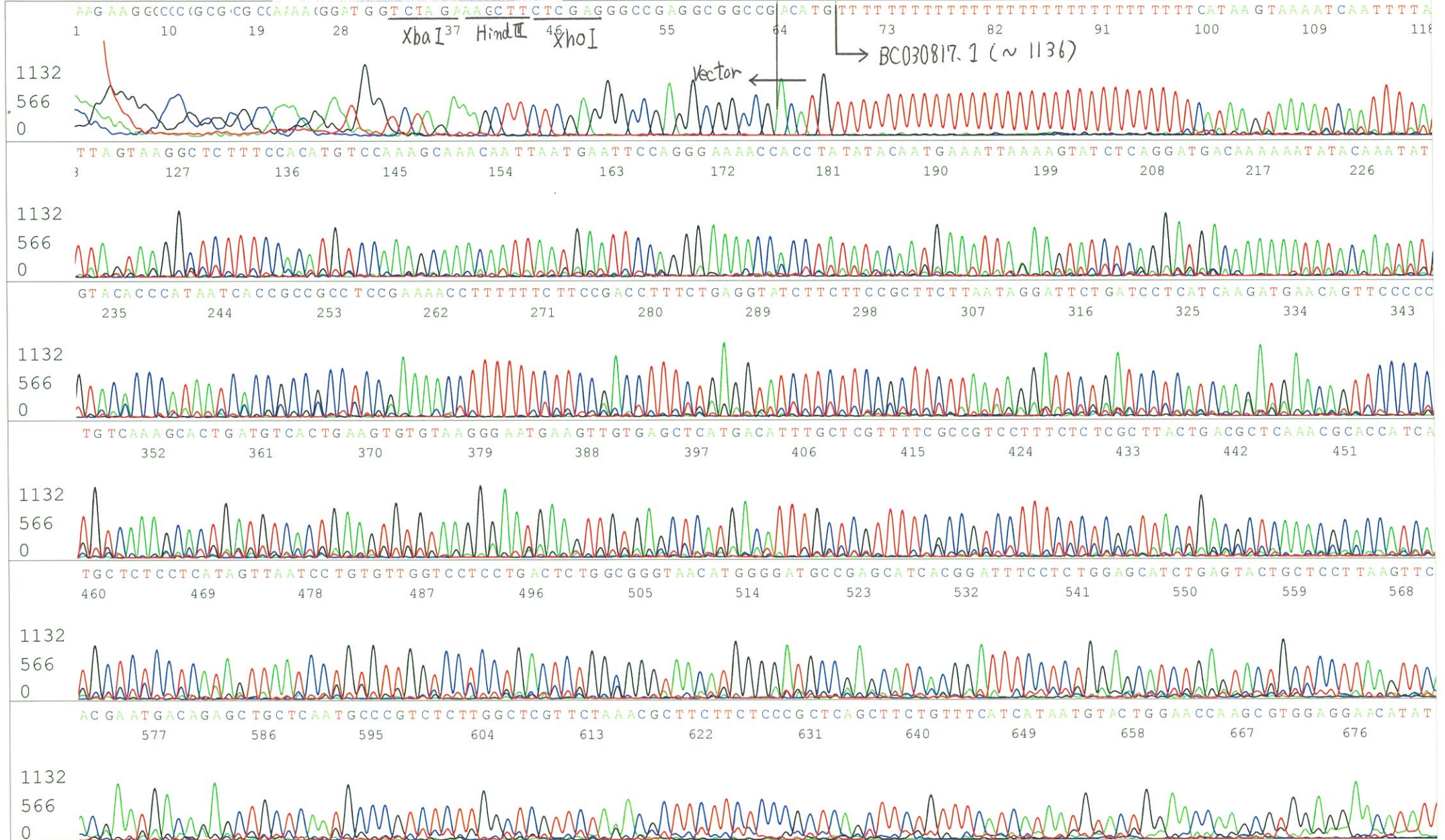
5' AAACAGCTATGACCATGTTCA 3'

Pts 1497 to 13840 Pk1 Loc:1474

Spacing:12.31 Pts/Panel1350

Version 6.0 HiSQV Bases: 959

Plate Name: 20170118_GNP

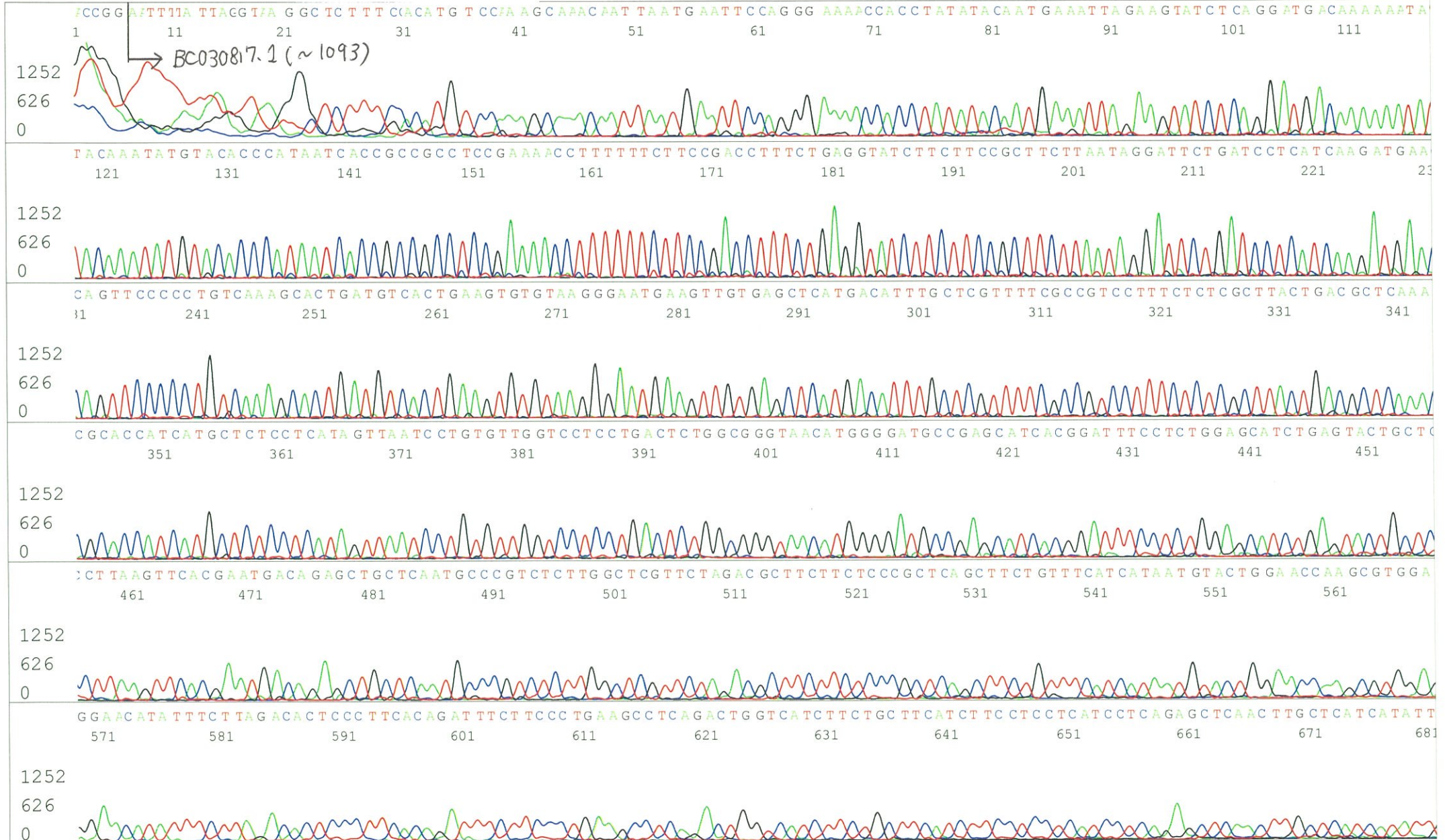


S/N G:15 A:19 T:20 C:21
KB.bcp
KB 1.4.1.8 Cap:5



S/N G:29 A:36 T:37 C:43
KB.bcp
KB 1.4.1.8 Cap:8

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'



S/N G:29 A:36 T:37 C:43
KB.bcp
KB 1.4.1.8 Cap:8

